| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|------------------------------|---------------------|---------|------------------|
| L4 | 3374 | kwon.in. | US-PGPUB; USPAT | OR | ON | 2005/05/05 10:39 |
| L5 | 16 | kwon.in. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/05/05 10:42 |
| L6 | 16 | kwon.in. and ("713"/\$.ccls. or "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/05 10:43 |
| L7 | 11 | kwon.in. and key adj (scan or pad) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/05 10:45 |
| L8 | 11324 | key adj (scan or pad) . | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/05 10:45 |
| L9 | 49749 | key adj (scan or pad) or key\$1pad | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/05 10:46 |
| L10 | 13288 | I9 and process with step\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/05 10:46 |
| L11 | 44 | I9 and (simultane\$8 with key with press\$6) and (key with assigne\$4) | USPAT | OR | ON | 2005/05/05 10:48 |
| L13 | 712 | read\$3 same key same pressed and (key-pad or keypad) | USPAT | OR | ON | 2005/05/05 13:08 |
| L14 | 365 | read\$3 with key same pressed and (key-pad or keypad) | USPAT | OR | ON | 2005/05/05 13:09 |
| L15 | 572 | read\$3 with key with (key-pad or keypad) | USPAT | OR | ON | 2005/05/05 13:09 |
| L16 | 43 | read\$3 with key with pressed with (key-pad or keypad) | USPAT | OR | ON | 2005/05/05 13:09 |
| S94 | 695 | read\$3 same key same pressed and (key-pad or keypad) | USPAT | OR | ON | 2005/05/05 08:14 |
| S95 | 658 | read\$3 same key same pressed and (key-pad or keypad) and signal | USPAT | OR | ON | 2004/11/17 12:02 |
| S10 2 | 202 | key adj pressed and "713"/\$.ccls. | USPAT | OR | ON | 2004/11/18 09:46 |
| S10 3 | 18 | key adj pressed and "713"/200.ccls. | US-PGPUB; USPAT | OR | ON | 2004/11/18 09:55 |
| S10 4 | 62 | (keypad or key-pad) and key adj pressed and "713"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2004/11/18 09:56 |
| S10 5 | 233 | (keypad or key-pad or keyboard or key-board) and key adj pressed and "713"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2004/11/18 09:56 |
| S10 6 | 176 | (keypad or key-pad or keyboard or key-board) and key adj pressed and "713"/\$.ccls. | USPAT | OR | ON | 2004/11/18 10:42 |
| S10 7 | 34 | debounce and (keypad or key-pad or keyboard or key-board) and key adj pressed and "713"/\$.ccls. | USPAT | OR | ON | 2004/11/18 10:44 |
| S10 8 | 8674 | number adj2 steps and (keypad or key-pad or key-board or keyboard) | USPAT | OR OR | ON | 2004/11/18 10:45 |
| S10 9 | 317 | number adj2 steps and (keypad or key-pad or key-board or keyboard) and "713"/\$.ccls. | | OR | | 2004/11/18 10:45 |
| S11 0 | 20 | (US-20030005325-\$).did. or (US-6246400-\$ or US-5832206-\$ or US-5651775-\$ or US-5230672-\$ or US-5407402-\$ or US-5553312-\$ or US-6246769-\$ or US-5455857-\$ or US-6225982-\$ or US-6411286-\$ or US-5654701-\$ or US-5907288-\$ or US-5362952-\$ or US-5907142-\$ or US-6142369-\$ or US-6736313-\$ or US-6082616-\$ or US-5273183-\$ or US-5803043-\$).did. | US-PGPUB; USPAT | OK | ON | 2004/11/18 12:31 |
| S11 | 4649 | determin\$4 same key same pressed | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:32 |
| S11 2 | 6993 | determin\$4 same key same (pressed or activated or debounced) | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:32 |
| S11 3 | 4312 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:33 |
| S11 4 | 3668 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) and display | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:33 |

| S11 5 | 237 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) and display and (magnetic same reader) | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:33 |
|----------|------|--|-------------------------------|----|----|------------------|
| S11 6 | 417 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) and display and ((magnetic same reader) or (card same reader)) | US-PGPUB; USPAT | OR | ON | 2004/11/18 12:34 |
| S11 7 | 302 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) and display and ((magnetic same reader) or (card same reader)) | USPAT | OR | ON | 2004/11/18 13:20 |
| S11 8 | 3288 | (determin\$4 same key same (pressed or activated or debounced)) and (key-pad or keypad or keyboard or key-board) | USPAT | OR | ON | 2004/11/18 13:21 |
| S11 9 | 388 | (determin\$4 same key same (pressed or activated or debounced) same number same steps) and (key-pad or key-board) | USPAT | OR | ON | 2004/11/18 14:48 |
| S12 3 | 234 | number adj2 steps same (key-pad or keypad) | USPAT | OR | ON | 2004/11/18 13:22 |
| S12 4 | 18 | number adj2 steps same (key-pad or keypad) same (pressed or activated or debounced) | USPAT | OR | ON | 2004/11/18 13:25 |
| S12 7 | 262 | determin\$3 adj2 key adj2 (pressed or activated or debounced) same steps | USPAT | OR | ON | 2004/11/18 14:32 |
| S12 8 | 15 | determin\$3 adj2 key adj2 (pressed or activated or debounced) same (number adj4 steps) | USPAT | OR | ON | 2004/11/18 14:33 |
| S12 9 | 485 | (determin\$4 same key same (pressed or activated or debounced) same number same steps) and (key-pad or keypad or keyboard or key-board) | US-PGPUB; USPAT | OR | ON | 2004/11/18 14:49 |
| S13 0 | 97 | (determin\$4 same key same (pressed or activated or debounced) same number same steps) and (key-pad or keypad or keyboard) | US-PGPUB | OR | ON | 2004/11/18 14:49 |
| S13 1 | 2588 | 713/200.ccls. | US-PGPUB; USPAT | OR | ON | 2004/11/18 15:15 |
| S13 2 | 161 | 713/200.ccls. and (key-pad or keypad) | US-PGPUB; USPAT | OR | ON | 2004/11/18 15:16 |
| S13 3 | 34 | (US-20010025156-\$ or US-20030005325-\$).did. or (US-4037090-\$ or US-4281216-\$ or US-4484258-\$ or US-4513394-\$ or US-5230672-\$ or US-5273183-\$ or US-5362952-\$ or US-5407402-\$ or US-5455857-\$ or US-5539400-\$ or US-5546589-\$ or US-5553312-\$ or US-5651775-\$ or US-564701-\$ or US-5803043-\$ or US-5832206-\$ or US-5907142-\$ or US-5907288-\$ or US-6082616-\$ or US-6142369-\$ or US-6225982-\$ or US-6246400-\$ or US-6246769-\$ or US-6289320-\$ or US-6334117-\$ or US-6411286-\$).did. or (US-6438699-\$ or US-6470326-\$ or US-6505177-\$ or US-6539361-\$ or US-6598023-\$ or US-6736313-\$).did. | US-PGPUB; USPAT | OR | ON | 2004/11/18 15:54 |
| S13 6 | 12 | (keypad or key-pad) same key same (pressed or activated or debounced) same (column or row) same counter | US-PGPUB; USPAT | OR | ON | 2004/11/18 16:08 |
| S13 7 | 219 | (keypad or key-pad) same key same (pressed or activated or debounced) same (column or row) | US-PGPUB; USPAT | OR | ON | 2004/11/18 17:43 |
| S13 9 | 12 | (keypad or key-pad) same key same (pressed or activated or debounced) same (column or row) | USOCR; DERWENT; IBM_TDB | OR | ON | 2004/11/18 17:45 |
| S14 0 | 83 | keypad same subtracts | US-PGPUB; USPAT | OR | ON | 2004/11/19 14:42 |

| S14 | 46 | (US-20010025156-\$ or US-20020118178-\$ or | US-PGPUB; | OR | ON | 2004/11/19 14:47 |
|----------|-----|--|--------------------|----|----|------------------|
| 5 | | US-20030005325-\$).did. or (US-4037090-\$ or US-4281216-\$ or US-4513394-\$ or US-5230672-\$ or US-5264845-\$ or US-5273183-\$ or US-5285495-\$ or US-5362952-\$ or US-546589-\$ or US-5455857-\$ or US-5539400-\$ or US-5546589-\$ or US-5553312-\$ or US-5554985-\$ or US-5568542-\$ or US-56654701-\$ or US-5621402-\$ or US-5651775-\$ or US-5654701-\$ or US-5736942-\$ or US-5760714-\$ or US-5803043-\$ or US-5832206-\$ or US-5907142-\$ or US-5907288-\$ or US-5915224-\$ or US-5983116-\$).did. or (US-6054940-\$ or US-6082616-\$ or US-6142369-\$ or US-6225982-\$ or US-6233323-\$ or US-6246400-\$ or US-6246769-\$ or US-6289320-\$ or US-6334117-\$ or US-6409595-\$ or US-6411286-\$ or US-6438699-\$ or US-6470326-\$ or US-6505177-\$ or US-6539361-\$ or US-6598023-\$ or US-6736313-\$).did. | USPAT | | | |
| S14 6 | 9 | ((US-20010025156-\$ or US-20020118178-\$ or US-20030005325-\$).did. or (US-4037090-\$ or US-4281216-\$ or US-4513394-\$ or US-5230672-\$ or US-5264845-\$ or US-5273183-\$ or US-5285495-\$ or US-5362952-\$ or US-5407402-\$ or US-5455857-\$ or US-5539400-\$ or US-5546589-\$ or US-5553312-\$ or US-5554985-\$ or US-5568542-\$ or US-55621402-\$ or US-5561775-\$ or US-55654701-\$ or US-5736942-\$ or US-5760714-\$ or US-5803043-\$ or US-5832206-\$ or US-5907142-\$ or US-5907288-\$ or US-5915224-\$ or US-5983116-\$).did. or (US-6054940-\$ or US-6082616-\$ or US-6142369-\$ or US-6225982-\$ or US-623323-\$ or US-6246400-\$ or US-6246769-\$ or US-6289320-\$ or US-6334117-\$ or US-6409595-\$ or US-6505177-\$ or US-6438699-\$ or US-6470326-\$ or US-6505177-\$ or US-6539361-\$ or US-6598023-\$ or US-6736313-\$).did.) and (substract or subtracts or difference or minus) | US-PGPUB; USPAT | OR | ON | 2004/11/19 14:49 |
| S14 8 | 667 | (keypad or key-pad) same (substract or subtracts or difference or minus) | US-PGPUB; USPAT | OR | ON | 2004/11/19 14:50 |
| S14 9 | 47 | (keypad or key-pad) same (substract or subtracts or difference or minus) same (pressed or activated) | US-PGPUB; USPAT | OR | ON | 2004/11/19 14:50 |
| S15 0 | 46 | (US-20010025156-\$ or US-20020118178-\$ or US-20030005325-\$).did. or (US-4037090-\$ or US-4281216-\$ or US-4513394-\$ or US-5230672-\$ or US-5264845-\$ or US-5273183-\$ or US-5285495-\$ or US-5362952-\$ or US-5407402-\$ or US-5455857-\$ or US-5539400-\$ or US-5546589-\$ or US-5553312-\$ or US-5554985-\$ or US-5568542-\$ or US-5621402-\$ or US-5651775-\$ or US-5654701-\$ or US-5736942-\$ or US-5760714-\$ or US-5803043-\$ or US-5832206-\$ or US-5907142-\$ or US-5907288-\$ or US-5915224-\$ or US-5983116-\$).did. or (US-6054940-\$ or US-6082616-\$ or US-6142369-\$ or US-6225982-\$ or US-6233323-\$ or US-6246400-\$ or US-6246769-\$ or US-6289320-\$ or US-6334117-\$ or US-6409595-\$ or US-6411286-\$ or US-6539361-\$ or US-6470326-\$ or US-6505177-\$ or US-6539361-\$ or US-6598023-\$ or US-6736313-\$).did. | US-PGPUB; USPAT | OR | ON | 2004/11/22 08:37 |
| S15 1 | 7 | ("20020118178" "5539400" "5264845" "5832206" "5362952" "5 621402" "5760714" "6054940").PN. | USPAT | OR | ON | 2005/05/05 08:14 |
| S15 2 | 8 | ("20020118178" "5539400" "5264845" "5832206" "5362952" "5 621402" "5760714" "6054940").PN. | US-PGPUB; USPAT | OR | ON | 2005/05/05 10:39 |